



U.S. Army Corps of
Engineers
Honolulu District

PUBLIC NOTICE

Public Notice No.

Date: October 15, 2001

200100530

Reply to:

Respond by: November 14, 2001

Regulatory Branch (CEPOH-EC-R/W.Lennan)
U.S. Army Engineer District, Honolulu
Building 230
Fort Shafter, Hawaii 96858-5440

PN200100530

KAWA STREAM IMPROVEMENTS
KANEHOE, OHAU, HAWAII

1. **APPLICANT:** City and County of Honolulu, Department of Design and Construction
2. **APPLICABLE STATUTORY AUTHORITY:** Section 404 of the Clean Water Act (33 U.S.C. 1344).
3. **LOCATION OF PROPOSED ACTIVITY:** Kawa Ditch, a tributary of Kawa Stream, Kaneohe, Oahu (Figures 1 & 2).
4. **PROJECT PURPOSE AND DESCRIPTION:** The purpose of the project is to expand the capacity of the channel to accommodate the 100-year peak flow as required by City and County of Honolulu Standards, and to prevent bank erosion.

The work will consist of enlarging the existing channel by dredging and lining the sides and bottom with concrete. The finished project will extend approximately 900 feet upstream from the Mokulele Drive box culvert and will be about 30 feet wide within the 40-foot right-of-way. Construction will include channel excavation; demolition and removal of existing lining; lining the sides and bottom with concrete and restoration of private property along the right-of-way if required.

5. **IMPACTS OF THE PROPOSED ACTIVITIES IF AUTHORIZED:**

Unavoidable impacts of the proposed project would include temporary increases in dust and noise in the immediate area of construction and the permanent loss of approximately 900 feet of stream substrate. This is not considered a serious loss, since much of the stream in this area flows through culverts or is already channelized. In addition, according to the applicant, the Kawa Stream Bioassessment by the State of Hawaii Department of Health in 2001 determined that fish found in the stream were "alien fish highly tolerant of degraded conditions." The habitat was given a rating of "nonsupporting" for

aquatic life. A long range benefit will be the reduced likelihood of flooding during large storms.

6. IMPACT ON HISTORIC PROPERTIES:

No significant cultural or archaeological resources are known to exist within the area. In the event that unanticipated or inadvertent discovery of historic properties occur during project execution, all work shall be stopped and the State Historic Preservation Office will be notified. This is a general condition that will be included in the Department of Army permit.

This notice has been sent to the State Historic Preservation Officer, the State Office of Hawaiian Affairs and Hui Malama I Na Kupuna. Any comments they have regarding historic properties and cultural resources will be considered before a final decision is made on the permit.

7. IMPACT ON ENDANGERED SPECIES: The project will likely not have any effect on any proposed, candidate or listed threatened or endangered species. This notice is being sent to both the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they have concerning potential impacts to protected species will be considered before a final decision is made on the permit.

8. ESSENTIAL FISH HABITAT: No Essential Fish Habitat will be affected by the project. This notice has been sent to the National Marine Fisheries Service. Any comments they have concerning potential impacts to essential fish habitat will be considered before a final decision is made on the permit.

9. OTHER GOVERNMENT AUTHORIZATIONS/CERTIFICATIONS:

a. A Water Quality Certification will be required from the State of Hawaii, Department of Health, Clean Water Branch.

b. A Coastal Zone Management Federal Consistency Determination will be required from the State of Hawaii Office of Planning, Coastal Zone Management Program.

10. EVALUATION FACTORS: The decision to issue the permit will be based on an evaluation of the probable impacts, including cumulative impacts, of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use, navigation, recreation, water supply, water quality, energy

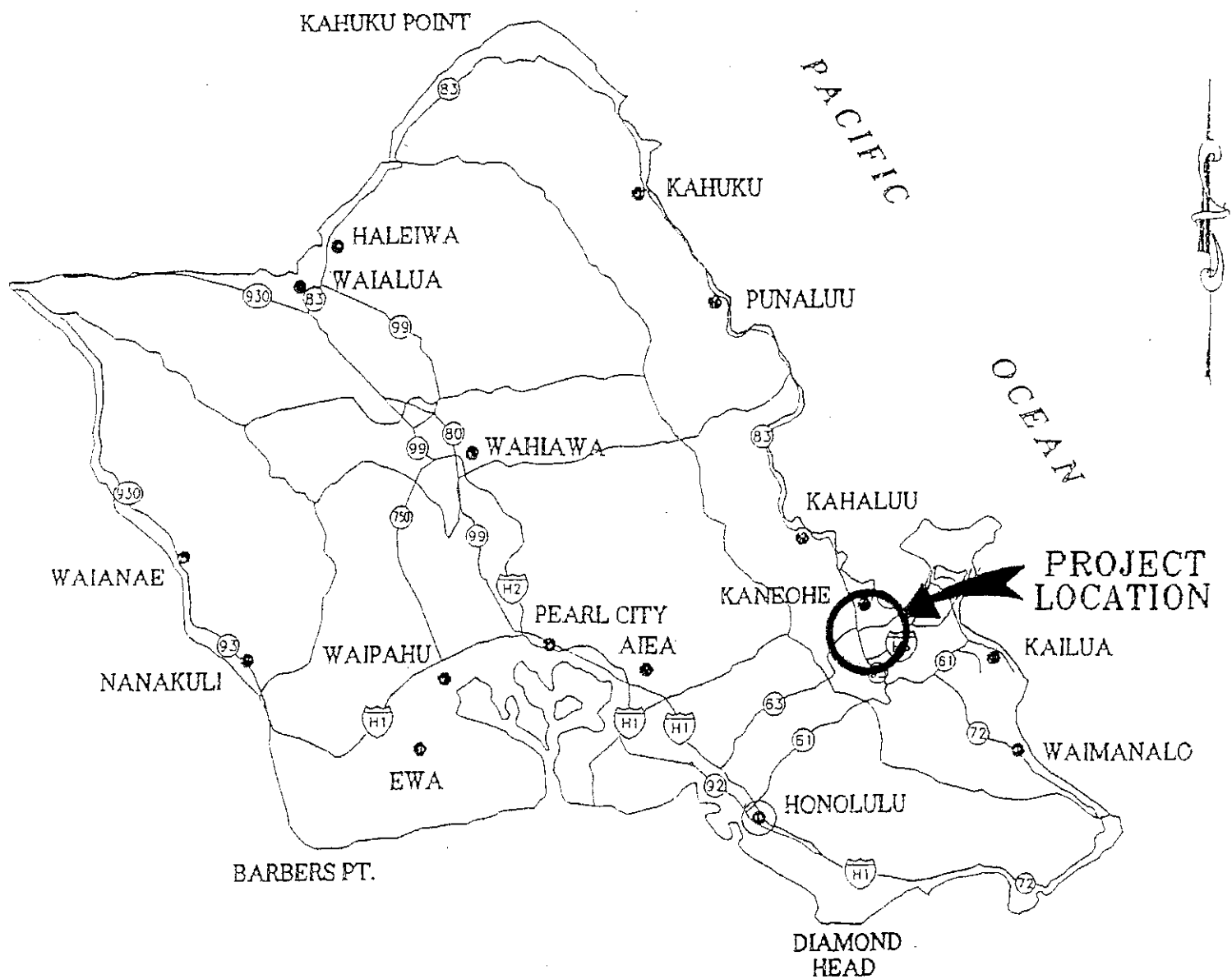
needs, safety, food production and, in general, the needs and welfare of the people.

11. COMMENTS AND INQUIRIES: Recipients of this Public Notice or other interested parties may submit in writing any comments that they have on the proposed issue of the permit. Comments or written inquiries may be sent by FAX to (808) 438-4060, or by mail to the address above. Comments must reach this District no later than 30 days from the date of this notice. Written inquiries and comments should refer to permit number 200100530. Further information may also be obtained from William Lennan, telephone (808) 438-6986. This Public Notice is posted on the Honolulu District web site at <http://www.pod.usace.army.mil/news/newsrel.htm/>

11. REQUEST FOR PUBLIC HEARING:

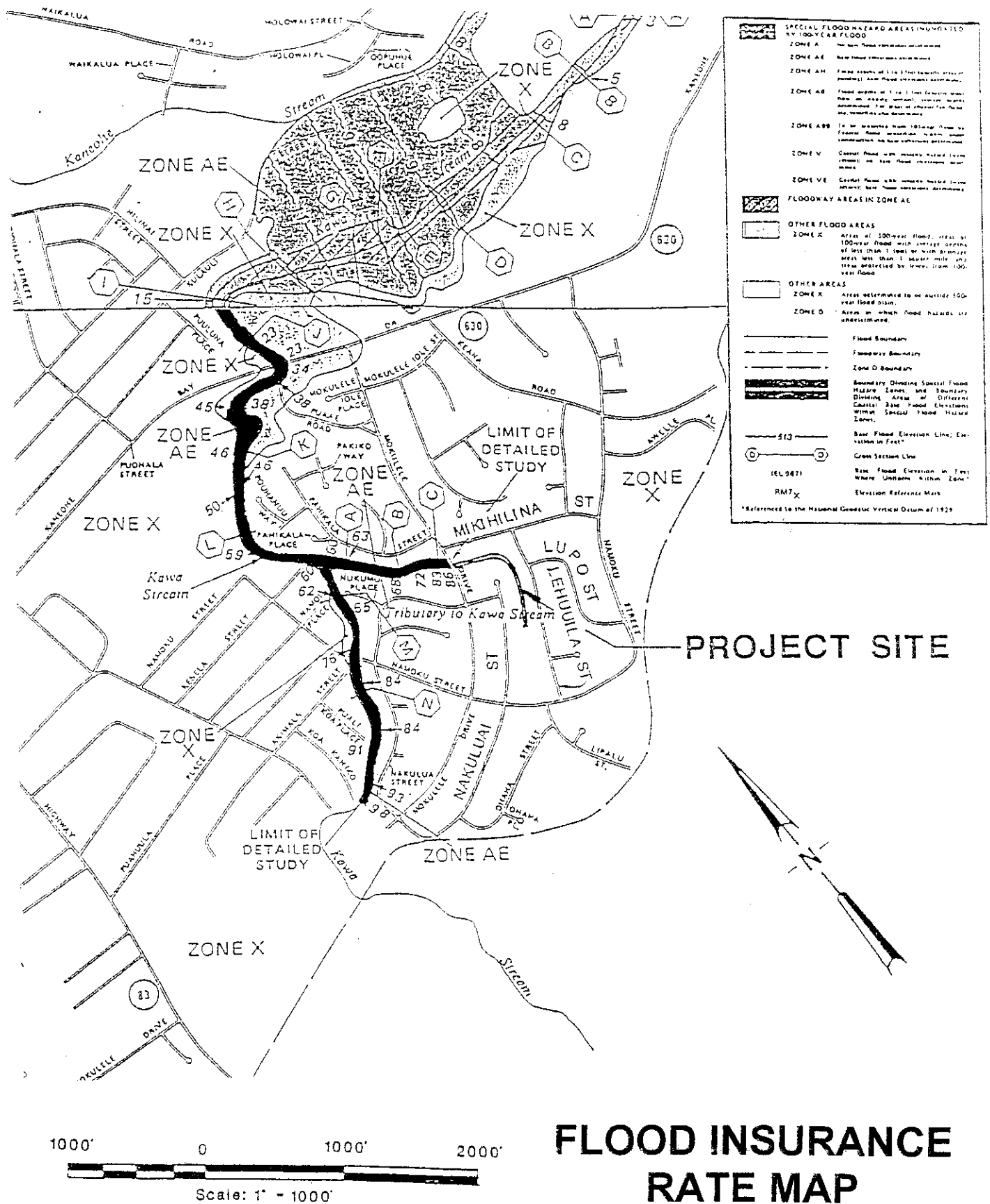
Any person may request, in writing, within 30 days from the date of this notice that a public hearing be held to consider the proposed permit issue. Requests for public hearing shall state clearly and concisely the reasons and rationale for holding a public hearing.

- Figure 1. Project Location Island of Oahu
- Figure 2. Flood Hazard Rate Map
- Figure 3. Proposed Construction Site Plan
- Figure 4. Typical Channel Section



PROJECT LOCATION ISLAND OF OAHU

Figure 1



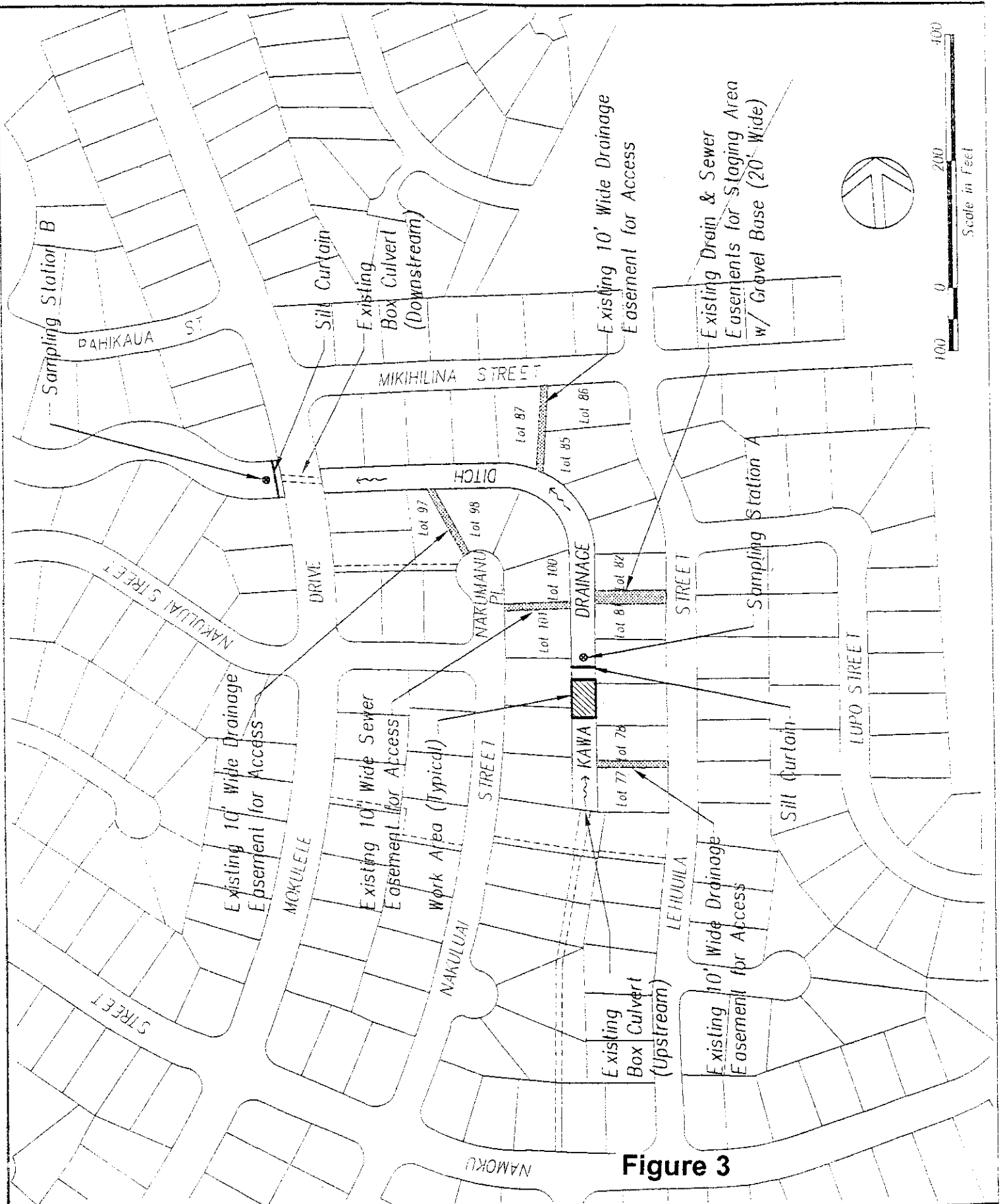


Figure 3

PREPARED FOR:

CITY & COUNTY OF HONOLULU
DEPT. OF DESIGN & CONSTRUCTION

Kawa Ditch Improvements

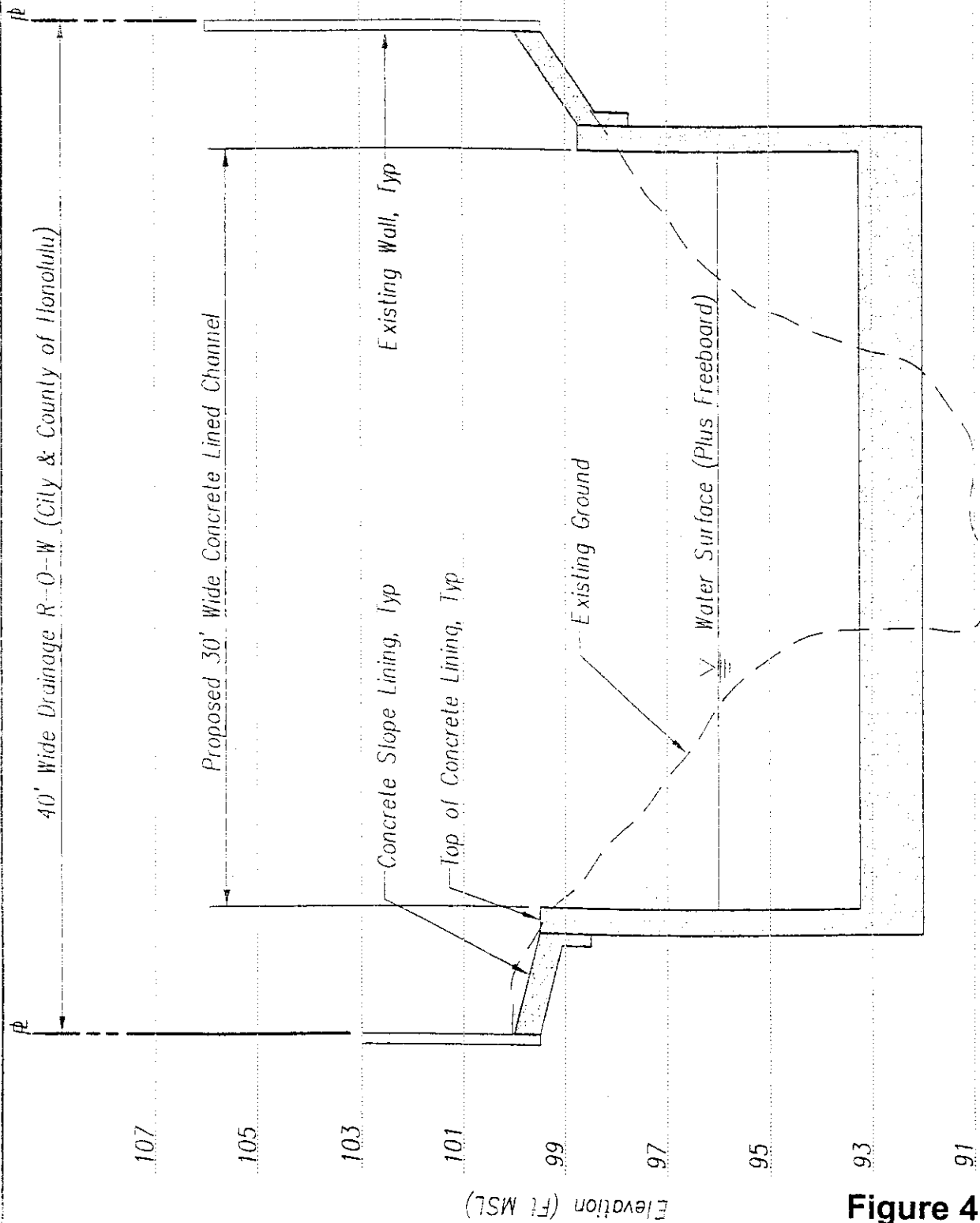
**PROPOSED CONSTRUCTION
SITE PLAN**



Gray-Hong-Bills-Nojima & Associates, Inc.
CONSULTING ENGINEERS

841 Bishop Street

Suite 1100



Note:
Channel Wall Height
will Vary by Section.

TYP. CHANNEL SECTION

Scales: Horiz 1"=6'
Vert 1"=3'

Figure 4

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TYPICAL
CHANNEL SECTION



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